

**ADVANCED PLTW BIOMEDICAL SCIENCE
AND MEDICINE (3yr.)
High School Students Only
2024-25**

CLASS TIMES:

AM Students: 8:00 am to 10:50 am
PM Students: 11:50 pm to 2:50 pm
1080 Hours

INSTRUCTORS:

Emily Ozment, William Schlecht
Scott Nelson

Students in this major will study biomedical science through the exciting Project Lead the Way curriculum that will provide students hands-on projects and experiences. Topics will include bioinformatics, human medicine, and an in-depth study of the human body. Students will also study advanced math courses that include Pre-AP Algebra II, Pre-AP Trigonometry/Pre-Calculus, and an AP math course as well as advanced science courses that include Anatomy and Physiology, Microbiology, Pre-AP Chemistry and AP Chemistry. Students who complete this major will have been exposed to a diverse curriculum that will better equip them to choose a major at the college/university level. Students will also have the strong math and science foundation needed to be prepared to enter a college/university program in a science-related field.

This is a three-year academy with students starting their sophomore year in high school. It is an academically intense, project-based program which focuses on the biomedical field. Students will be able to test for college credit through AP courses and successfully transition to post-secondary.

TUITION & TEXTBOOKS	\$ -
There is no tuition or textbook cost for high school students	
STUDENT ESTIMATED EXPENSES	\$210.00
These expenses may not be due at once and may incur during the school year	
AP EXAMS.....	\$90.00
*May be eligible to receive scholarship to pay for test.	
UNIFORM (required for educational visits)	\$35.00
*Scrubs – Top - Dark Brown / Pants (any style) 1 set Can be purchased from any vendor. Lab Coat White – Optional	
WHITE SHOES.....	\$40.00
Must be all leather, white, and cover the entire foot.	
STUDENT SUPPLIES.....	\$20.00
3 – 2” 3 ring binders 3 pkgs – dividers Wide ruled loose-leaf notebook Pencils & erasers	
USB – FLASH DRIVE (1GB)	\$15.00
STUDENT ORGANIZATION.....	\$10.00
TOTAL ESTIMATED EXPENSES	\$210.00